



OIL CONS. DIV DIST. 3

MAY 18 2016

API #3003930485

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160208
Cust No: 18300-27590**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 27-4 57N INT. CSG
County/State: RIO ARRIBA
Location: E28-27N-04W
Field:
Formation:
Cust. Stn. No.: API 300392653000C02Source: INT. CASING
Pressure: 1 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 04/27/2016
Sampled By: LARRY NELSON
Foreman/Engr.: NATHAN B.Remarks: W/O 9277423
PRESSURED WITH HELIUM TO 30 LBS.**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.516	0.1670	0.00	0.0147
CO2	0.388	0.0660	0.00	0.0059
Methane	83.332	14.1670	841.65	0.4616
Ethane	8.641	2.3170	152.92	0.0897
Propane	3.798	1.0490	95.56	0.0578
Iso-Butane	0.581	0.1910	18.89	0.0117
N-Butane	0.862	0.2730	28.12	0.0173
I-Pentane	0.238	0.0870	9.52	0.0059
N-Pentane	0.189	0.0690	7.58	0.0047
Hexane Plus	0.455	0.2030	23.98	0.0151
Total	100.000	18.5890	1178.23	0.6843

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1184.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1164.0
REAL SPECIFIC GRAVITY: 0.6862GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1178.2
DRY BTU @ 14.696: 1181.9
DRY BTU @ 14.730: 1184.6
DRY BTU @ 15.025: 1208.3CYLINDER #: 7005
CYLINDER PRESSURE: PSIG
DATE RUN: 5/2/16 11:49 AM
ANALYSIS RUN BY: Shyann Elledge



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 27-4 57N INT. CSG
Stn. No.: API
Mtr. No.:

INT. CASING

05/04/2016
18300-27590

Smpl Date: 04/27/2016
Test Date: 05/02/2016
Run No: CP160208

Nitrogen: 1.516
CO2: 0.388
Methane: 83.332
Ethane: 8.641
Propane: 3.798
I-Butane: 0.581
N-Butane: 0.862
I-Pentane: 0.238
N-Pentane: 0.189
Hexane+: 0.455

BTU: 1184.6
GPM: 18.5890
SPG: 0.6862



OIL CONS. DIV DIST. 3

MAY 18 2016

API #3003930485

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160207
Cust No: 18300-27585**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 27-4 57N PRO. CSG
County/State: RIO ARRIBA
Location: E28-27N-04W
Field:
Formation:
Cust. Str. No.: API 300392653000C02Source: PROD. CASING
Pressure: 177 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/27/2016
Sampled By: LARRY NELSON
Foreman/Engr.: NATHAN B.

Remarks: W/O 9277423

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	3.203	0.3530	0.00	0.0310
CO2	0.266	0.0450	0.00	0.0040
Methane	96.216	16.3400	971.78	0.5329
Ethane	0.154	0.0410	2.73	0.0016
Propane	0.002	0.0010	0.05	0.0000
Iso-Butane	0.001	0.0000	0.03	0.0000
N-Butane	0.003	0.0010	0.10	0.0001
I-Pentane	0.014	0.0050	0.56	0.0003
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.141	0.0630	7.43	0.0047
Total	100.000	16.8490	982.68	0.5747

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 986.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 969.7
REAL SPECIFIC GRAVITY: 0.5756GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 981.5
DRY BTU @ 14.696: 984.6
DRY BTU @ 14.730: 986.9
DRY BTU @ 15.025: 1006.7CYLINDER #: 4109
CYLINDER PRESSURE: 191 PSIG
DATE RUN: 5/2/16 11:48 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 27-4 57N PRO. CSG
Stn. No.: API
Mtr. No.:

PROD. CASING

05/04/2016
18300-27585

Smpl Date: 04/27/2016
Test Date: 05/02/2016
Run No: CP160207

Nitrogen: 3.203
CO2: 0.266
Methane: 96.216
Ethane: 0.154
Propane: 0.002
I-Butane: 0.001
N-Butane: 0.003
I-Pentane: 0.014
N-Pentane: 0.000
Hexane+: 0.141

BTU: 986.9
GPM: 16.8490
SPG: 0.5756